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L9: Entry 9 of 10

File: DWPI

Mar 7, 2001

DERWENT-ACC-NO: 2001-345717

DERWENT-WEEK: 200146

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TITLE: Internet facsimile gateway connected to telecommunication network and Internet, exchanges image information between data terminal device and facsimile device through telecommunication network and Internet

INVENTOR: TAMURA, H

PATENT-ASSIGNEE:

ASSIGNEE

CODE

RICOH KK

RICO

PRIORITY-DATA: 2000JP-0045560 (February 23, 2000), 1999JP-0251035 (September 6, 1999)

Search Selected**Search ALL****Clear**

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<input type="checkbox"/> EP 1081934 A2	March 7, 2001	E	065	H04N001/00
<input type="checkbox"/> JP 2001147873 A	May 29, 2001		076	G06F013/00

DESIGNATED-STATES: AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI

APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
EP 1081934A2	September 6, 2000	2000EP-0307678	
JP2001147873A	February 23, 2000	2000JP-0045560	

INT-CL (IPC): G06 F 13/00; H04 L 12/54; H04 L 12/58; H04 N 1/00; H04 N 1/32

ABSTRACTED-PUB-NO: EP 1081934A

BASIC-ABSTRACT:

NOVELTY - An Internet facsimile gateway device (102) that exchanges image information between a data terminal device (103) and a facsimile device (105) through a telecommunication network (104) and the Internet (101) by taking the steps of transmitting the image information included in an electronic mail message to the facsimile device when the Internet facsimile gateway device receives the electronic mail message requesting image-information transmission to the facsimile

device.

DETAILED DESCRIPTION - A delivery-confirmation mail message is created notifying a result of the image-information transmission after the image- information transmission by the Internet facsimile gateway device is completed if the electronic mail message requests the Internet facsimile gateway device to transmit the delivery-confirmation mail message to an original address of the electronic mail message, and transmitting the delivery-confirmation mail message to the original address of the electronic mail message An INDEPENDENT CLAIM is included for a method of controlling an Internet facsimile gateway device.

USE - For Internet facsimile gateway connected to telecommunication network and Internet

ADVANTAGE - Enables sender of image information to easily confirm transmission condition of image information transmitted to facsimile device as a receiver.

DESCRIPTION OF DRAWING(S) - The figure shows a schematic diagram of a facsimile communication system which includes a facsimile gateway device according to the invention.

Internet 101

Internet facsimile gateway device 102

Data terminal device 103

Telecommunication network 104

Facsimile device 105

CHOSEN-DRAWING: Dwg.1/28

TITLE-TERMS: FACSIMILE GATEWAY CONNECT TELECOMMUNICATION NETWORK EXCHANGE IMAGE INFORMATION DATA TERMINAL DEVICE FACSIMILE DEVICE THROUGH TELECOMMUNICATION NETWORK

DERWENT-CLASS: T01 W02

EPI-CODES: T01-C03B; T01-H07C1; T01-H07C3B; T01-H07C5E; W02-J03C;

SECONDARY-ACC-NO:

Non-CPI Secondary Accession Numbers: N2001-250552

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L9: Entry 10 of 10

File: DWPI

Jan 15, 2004

DERWENT-ACC-NO: 1999-081456

DERWENT-WEEK: 200406

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TITLE: Internet facsimile and electronic mail receiving method - having judging units for error and delivery confirming, extracting information necessary for output from EM data, converting format into facsimile, and transmitting by communication unit through public network

INVENTOR: SAITO, K; TOYODA, K

PATENT-ASSIGNEE:

ASSIGNEE

CODE

MATSUSHITA GRAPHIC COMMUNICATION SYSTEMS

MATY

MATSUSHITA GRAPHIC COMMUNICATI

MATY

PANASONIC COMMUNICATIONS CO LTD

MATU

PRIORITY-DATA: 1997JP-0180528 (June 20, 1997), 1999JP-0118647 (June 20, 1997), 1999JP-0359114 (June 20, 1997), 2001JP-0040074 (June 20, 1997)

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PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<input type="checkbox"/> <u>US 20040010558 A1</u>	January 15, 2004		000	G06F015/16
<input type="checkbox"/> <u>WO 9859297 A1</u>	December 30, 1998	J	036	G06F013/00
<input type="checkbox"/> <u>JP 11015755 A</u>	January 22, 1999		009	G06F013/00
<input type="checkbox"/> <u>EP 923034 A1</u>	June 16, 1999	E	000	
<input type="checkbox"/> <u>JP 2000003319 A</u>	January 7, 2000		009	G06F013/00
<input type="checkbox"/> <u>JP 2000172594 A</u>	June 23, 2000		009	G06F013/00
<input type="checkbox"/> <u>JP 2001292306 A</u>	October 19, 2001		014	H04N001/387
<input type="checkbox"/> <u>CA 2263599 C</u>	August 27, 2002	E	000	H04N001/32
<input type="checkbox"/> <u>JP 3380503 B2</u>	February 24, 2003		009	G06F013/00
<input type="checkbox"/> <u>JP 3447611 B2</u>	September 16, 2003		009	G06F013/00
<input type="checkbox"/> <u>US 6618749 B1</u>	September 9, 2003		000	G06F015/16

DESIGNATED-STATES: CA CN KR SG AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT
SE DE FR GB

APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
US20040010558A1	June 18, 1998	1998US-0099528	Cont of
US20040010558A1	July 14, 2003	2003US-0617856	
US20040010558A1		US 6618749	- Cont of - - - - -
WO 9859297A1	June 16, 1998	1998WO-JP02635	
JP 11015755A	June 20, 1997	1997JP-0180528	
EP 923034A1	June 16, 1998	1998EP-0924631	
EP 923034A1	June 16, 1998	1998WO-JP02635	
EP 923034A1		WO 9859297	Based on
JP2000003319A	June 20, 1997	1997JP-0180528	Div ex
JP2000003319A	June 20, 1997	1999JP-0118647	
JP2000172594A	June 20, 1997	1997JP-0180528	Div ex
JP2000172594A	June 20, 1997	1999JP-0359114	
JP2001292306A	June 20, 1997	1999JP-0359114	Div ex
JP2001292306A	June 20, 1997	2001JP-0040074	
CA 2263599C	June 16, 1998	1998CA-2263599	
CA 2263599C	June 16, 1998	1998WO-JP02635	
CA 2263599C		WO 9859297	Based on
JP 3380503B2	June 20, 1997	1997JP-0180528	Div ex
JP 3380503B2	June 20, 1997	1999JP-0359114	
JP 3380503B2		JP2000172594	Previous Publ.
JP 3447611B2	June 20, 1997	1997JP-0180528	Div ex
JP 3447611B2	June 20, 1997	1999JP-0118647	
JP 3447611B2		JP2000003319	Previous Publ.
US 6618749B1	June 18, 1998	1998US-0099528	

INT-CL (IPC): G06 F 13/00; G06 F 15/16; H04 L 12/54; H04 M 11/00; H04 N 1/00; H04 N 1/32; H04 N 1/387

ABSTRACTED-PUB-NO: WO 9859297A
BASIC-ABSTRACT:

The error mail and delivery confirming mail judging units judge whether the received electronic mail data are on an error mail or on a delivery confirming mail. In accordance with the results of the judgment a specific information extraction unit extracts information necessary for the output from the electronic mail data.

The extracted data are converted into facsimile data by a format conversion unit. The converted data are edited by a data editing unit. The edited data are transmitted to a G3 fax machine by a facsimile communication unit through a public network.

ADVANTAGE - Error mails and delivery confirming mails are discriminated from ordinary electronic mails. Recording paper can be saved.

CHOSEN-DRAWING: Dwg.3/11

TITLE-TERMS: FACSIMILE ELECTRONIC MAIL RECEIVE METHOD JUDGEMENT UNIT ERROR DELIVER CONFIRM EXTRACT INFORMATION NECESSARY OUTPUT EM DATA CONVERT FORMAT FACSIMILE

TRANSMIT COMMUNICATE UNIT THROUGH PUBLIC NETWORK

DERWENT-CLASS: T01 W01 W02

EPI-CODES: T01-H07C5E; W01-A06B7; W02-J03C8;

SECONDARY-ACC-NO:

Non-CPI Secondary Accession Numbers: N1999-058545

Freeform Search

Database:	<div> US Pre-Grant Publication Full-Text Database US Patents Full-Text Database US OCR Full-Text Database EPO Abstracts Database JPO Abstracts Database Derwent World Patents Index IBM Technical Disclosure Bulletins </div>
Term:	<div> (fax or facsimile or image) near8(internet or gateway) with (e or electronic) near4 (mail or message) with(delivery or reception or transmi\$7 </div>
Display:	<div> 10 Documents in Display Format: - Starting with Number 1 </div>
Generate:	<div> <input type="radio"/> Hit List <input checked="" type="radio"/> Hit Count <input type="radio"/> Side by Side <input type="radio"/> Image </div>

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Search History

DATE: Tuesday, June 15, 2004 [Printable Copy](#) [Create Case](#)

<u>Set Name</u>	<u>Query</u>	<u>Hit Count</u>	<u>Set Name result set</u>
side by side			
<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI; PLUR=YES; OP=OR</i>			
<u>L9</u>	(fax or facsimile or image) near8(internet or gateway) with (e or electronic) near4 (mail or message) with(delivery or reception or transmi\$7 or receiv\$4) near4 (verif\$6 or confirm\$6) and @ad<20000906	10	<u>L9</u>
<u>L8</u>	(fax or facsimile or image) with(internet or gateway) with (e or electronic) near4 (mail or message) with(delivery or reception or receiv\$4 or confirm\$6) and @ad<20000906	388	<u>L8</u>
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<u>L6</u>	(fax or facsimile or image) with(internet or gateway) with (e or electronic) near4 (mail or message) same(delivery or reception or send\$4 or receiv\$4) near4 (confirm\$6 or recept\$4 or receiv\$4) and @ad<20000906	155	<u>L6</u>
<u>L5</u>	(fax or facsimile or image) with(internet or gateway) with (e or electronic) near4 (mail or message) and (delivery or reception or send\$4 or receiv\$4) near4 (confirm\$6 or recept\$4 or receiv\$4) and @ad<20000906	576	<u>L5</u>
<u>L4</u>	(internet or facsimile or gateway) with (e or electronic) near4 (mail or message) and (delivery or reception or send\$4 or receiv\$4) near4 (confirm\$6	3747	<u>L4</u>

	or receipt\$4 or receive\$4) and @ad<20000906		
<u>L3</u>	(internet or facsimile or gateway) same (e or electronic) near4 (mail or message) and (delivery or reception or send\$4 or receive\$4) near4 (confirm\$6 or receipt\$4 or receive\$4) and @ad<20000906	4561	<u>L3</u>
<u>L2</u>	(average\$4 or mean) with (block\$4 or region or matrix\$6 or cell\$1) same (screen or matrix\$5 or cell or halftone) same (difference\$7 or compare\$7 or subtract\$5) same (compress\$5 or encode\$4) and @ad<20000913 not 11	124	<u>L2</u>
<u>L1</u>	(average\$4 or mean) near4 (block\$4 or region or matrix\$6 or cell\$1) same (screen or matrix\$5 or cell) with (difference\$7 or compare\$7 or subtract\$5) same (compression or encode\$4) and @ad<20000913	92	<u>L1</u>

END OF SEARCH HISTORY